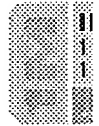


IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE


[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)
IEEE Xplore
RELEASE 1.0

 Welcome
 United States Patent and Trademark Office


» Se

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)

Quick Links

Welcome to IEEE Xplore

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

 Your search matched **60** of **1108377** documents.

 A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.
Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

state of health

Search

☐ Check to search within this result set
Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 Monitoring the state of health of VRLA batteries through ohmic measurements

 Waters, A.R.; Bullock, K.R.; Bose, C.S.C.;
 Telecommunications Energy Conference, 1997. INTELEC 97., 19th
 International, 19-23 Oct. 1997
 Pages:675 - 680

[\[Abstract\]](#) [\[PDF Full-Text \(428 KB\)\]](#) IEEE CNF

2 Payload state of health monitoring design for next generation satellite constellations

 Geib, P.L.; Cox, D.D.; Tomasi, A.M.;
 Aerospace Conference Proceedings, 2002. IEEE, Volume: 1, 9-16 March 2002.
 Pages:1-205 - 1-214 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(1583 KB\)\]](#) IEEE CNF

3 Lessons learned in using ohmic techniques for battery monitoring

 Bose, C.S.C.; Wilkins, D.; Mccluer, S.; Model, M.J.;
 Applications and Advances, 2001. The Sixteenth Annual Battery Conference on
 12 Jan. 2001
 Pages:99 - 104

[\[Abstract\]](#) [\[PDF Full-Text \(432 KB\)\]](#) IEEE CNF

4 Analysis and interpretation of AC-measurements on batteries used to assess state-of-health and capacity-condition

 Damlund, I.;
 Telecommunications Energy Conference, 1995. INTELEC '95., 17th
 International, 29 Oct.-1 Nov. 1995

Pages:828 - 833

[\[Abstract\]](#) [\[PDF Full-Text \(456 KB\)\]](#) IEEE CNF

5 Determining the state- f-health f maintenance-free aircraft batteri
Vutetakis, D.G.; Viswanathan, V.V.;
Battery Conference on Applications and Advances, 1995., Proceedings of the 1
Annual , 10-13 Jan. 1995
Pages:13 - 18

[\[Abstract\]](#) [\[PDF Full-Text \(428 KB\)\]](#) IEEE CNF

**6 Battery state of health monitoring, combining conductance techn lo
with other measurement parameters for real-time battery performanc
analysis**
Cox, D.C.; Perez-Kite, R.;
Telecommunications Energy Conference, 2000. INTELEC. Twenty-second
International , 10-14 Sept. 2000
Pages:342 - 347

[\[Abstract\]](#) [\[PDF Full-Text \(488 KB\)\]](#) IEEE CNF

7 Knowledge based VRLA battery monitoring and health assessment
Anbuky, A.H.; Pascoe, P.E.; Hunter, P.M.;
Telecommunications Energy Conference, 2000. INTELEC. Twenty-second
International , 10-14 Sept. 2000
Pages:687 - 694

[\[Abstract\]](#) [\[PDF Full-Text \(788 KB\)\]](#) IEEE CNF

8 Battery state of health estimation through coup de fouet
Bose, C.S.C.; Laman, F.C.;
Telecommunications Energy Conference, 2000. INTELEC. Twenty-second
International , 10-14 Sept. 2000
Pages:597 - 601

[\[Abstract\]](#) [\[PDF Full-Text \(312 KB\)\]](#) IEEE CNF

9 The detection of the state of health of lead-acid batteries
Spath, V.; Jossen, A.; Doring, H.; Garche, J.;
Telecommunications Energy Conference, 1997. INTELEC 97., 19th
International , 19-23 Oct. 1997
Pages:681 - 686

[\[Abstract\]](#) [\[PDF Full-Text \(352 KB\)\]](#) IEEE CNF

10 Fuzzy logic-based state-of-health determination of lead acid batter
Singh, P.; Reisner, D.;
Telecommunications Energy Conference, 2002. INTELEC. 24th Annual
International , 29 Sept.-3 Oct. 2002
Pages:583 - 590

[\[Abstract\]](#) [\[PDF Full-Text \(489 KB\)\]](#) IEEE CNF

11 Artificial intelligence reads battery state- f-health in three minutes*Buchmann, I.;*Applications and Advances, 2001. The Sixteenth Annual Battery Conference on
12 Jan. 2001

Pages:263 - 265

[\[Abstract\]](#) [\[PDF Full-Text \(316 KB\)\]](#) IEEE CNF**12 Imperfectness as a useful approach in battery monitoring***Suntio, T.;*Telecommunications Energy Conference, 1994. INTELEC '94., 16th
International , 30 Oct.-3 Nov. 1994

Pages:481 - 485

[\[Abstract\]](#) [\[PDF Full-Text \(408 KB\)\]](#) IEEE CNF**13 Determination of the state-of-health of VRLA batteries by means of noise measurements***Baert, D.H.J.; Vervaet, A.A.K.;*Telecommunications Energy Conference, 2001. INTELEC 2001. Twenty-Third
International , 14-18 Oct. 2001

Pages:301 - 306

[\[Abstract\]](#) [\[PDF Full-Text \(464 KB\)\]](#) IEEE CNF**14 Experiences with power transformers in Southern Electric***Steed, J.C.;*Condition Monitoring and Remanent Life Assessment in Power Transformers, I
Colloquium on , 1994

Pages:3/1 - 3/6

[\[Abstract\]](#) [\[PDF Full-Text \(252 KB\)\]](#) IEEE CNF**15 Image staining and differential diagnosis of ultrasound scans based on the Mahalanobis distance***Momenan, R.; Wagner, R.F.; Garra, B.S.; Loew, M.H.; Insana, M.F.;*

Medical Imaging, IEEE Transactions on , Volume: 13 , Issue: 1 , March 1994

Pages:37 - 47

[\[Abstract\]](#) [\[PDF Full-Text \(888 KB\)\]](#) IEEE JNL[1](#) [2](#) [3](#) [4](#) [Next](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) |
[New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE


[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)
IEEE Xplore
RELEASE 1.0

 Welcome
 United States Patent and Trademark Office


» Se:

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)

Quick Links

Welcome to IEEE Xplore

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **1** of **1108377** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.

state of health<and> (spath<in>au)

Search

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**1 The detection of the state of health of lead-acid batteries***Spath, V.; Jossen, A.; Doring, H.; Garche, J.;*

Telecommunications Energy Conference, 1997. INTELEC 97., 19th International, 19-23 Oct. 1997

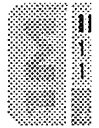
Pages:681 - 686

[\[Abstract\]](#)[\[PDF Full-Text \(352 KB\)\]](#)**IEEE CNF**
[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved



United States Patent and Trademark Office



» Se:

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)

Quick Links

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards


Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

References

-  Access the
IEEE Enterprise
File Cabinet

 Print Format

Your search matched **47** of **1108377** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

(state of health<in>au) <or> (buchmann <in>au)

Search

☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

46 Full wafer processing and testing the future of large scale laser fabrication

Vettiger, P.; Benedict, M.E.; Bona, G.L.; Buchmann, P.; Cahoon, N.; Daetwyle
Dietrich, H.P.; Moser, A.; Seitz, H.K.; Voegeli, O.; Webb, D.J.; Wolf, P.;
Semiconductor Laser Conference, 1990. Conference Digest. 12th IEEE
International, Sept. 9-14, 1990
Pages:144 - 145

[\[Abstract\]](#) [\[PDF Full-Text \(136 KB\)\]](#) [IEEE CNF](#)

47 Time-critical database scheduling: a framework for integrating real time scheduling and concurrency control

Buchmann, A.P.; McCarthy, D.R.; Hsu, M.; Dayal, U.;
Data Engineering, 1989. Proceedings. Fifth International Conference on , 6-10
1989

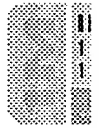
Pages:470 - 480

[\[Abstract\]](#) [\[PDF Full-Text \(856 KB\)\]](#) **IEEE CNF**

Prev **1** **2** **3** **4**



United States Patent and Trademark Office



» Se:

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)

Quick Links

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards


දිව්‍යාදර්ශ

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Mentoring Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Abstract

-  Access the
IEEE Enterprise
File Cabinet

 Print Form

Your search matched **47** of **1108377** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

(state of health<in>au) <or> (buchmann <in>au)

Search

☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

31 The "Green light" lies. How to maximize the service life of a battery fleet by utilizing a battery maintenance program

Buchmann, I.;

Battery Conference on Applications and Advances, 1999. The Fourteenth Annual , 12-15 Jan. 1999

Pages:253 - 257

[\[Abstract\]](#) [\[PDF Full-Text \(524 KB\)\]](#) **IEEE CNF**

32 Understanding your batteries in a portable world. Article on battery choice and how to maximize service life

Buchmann, I.;

Battery Conference on Applications and Advances, 1999. The Fourteenth Annual , 12-15 Jan. 1999

Pages:369 - 373

[\[Abstract\]](#) [\[PDF Full-Text \(480 KB\)\]](#) **IEEE CNF**

33 Choosing a battery that will last. Cycle life of various battery system

Buchmann, I.;

Battery Conference on Applications and Advances, 1999. The Fourteenth Annual , 12-15 Jan. 1999

Pages:365 - 368

[\[Abstract\]](#) [\[PDF Full-Text \(344 KB\)\]](#) **IEEE CNF**

34 Battery mystery solved. Why batteries fail for digital cell phones

Buchmann, I.;

Battery Conference on Applications and Advances, 1999. The Fourteenth Annual , 12-15 Jan. 1999

Pages:359 - 362

[\[Abstract\]](#) [\[PDF Full-Text \(420 KB\)\]](#) IEEE CNF

35 Using multiple mobile agents for distributed transactions

Vogler, H.; Buchmann, A.;

Cooperative Information Systems, 1998. Proceedings. 3rd IFCIS International Conference on , 20-22 Aug. 1998

Pages:114 - 121

[\[Abstract\]](#) [\[PDF Full-Text \(56 KB\)\]](#) IEEE CNF

36 Encoded bitmap indexing for data warehouses

Ming-Chuan Wu; Buchmann, A.P.;

Data Engineering, 1998. Proceedings., 14th International Conference on , 23-Feb. 1998

Pages:220 - 230

[\[Abstract\]](#) [\[PDF Full-Text \(380 KB\)\]](#) IEEE CNF

37 A programmable mixed-signal ASIC for data acquisition systems in medical implants

Lerch, R.G.; Spiegel, E.; Kakerow, R.; Hakenes, R.; Kappert, H.; Hohlhaas, H. Kordas, N.; Buchmann, M.; Franke, T.; Manoli, Y.; Muller, J.;

Solid-State Circuits Conference, 1995. Digest of Technical Papers. 42nd ISSCC 1995 IEEE International , 15-17 Feb. 1995

Pages:162 - 163, 357

[\[Abstract\]](#) [\[PDF Full-Text \(708 KB\)\]](#) IEEE CNF

38 Building an integrated active OODBMS: requirements, architecture, design decisions

Buchmann, A.P.; Zimmermann, J.; Blakeley, J.A.; Wells, D.L.;

Data Engineering, 1995. Proceedings of the Eleventh International Conference on , 6-10 March 1995

Pages:117 - 128

[\[Abstract\]](#) [\[PDF Full-Text \(1048 KB\)\]](#) IEEE CNF

39 High-power AlGaAs lasers with nonabsorbing etched mirrors based bent-waveguide structure

Gfeller, F.; Buchmann, P.; Epperlein, P.W.; Meier, H.P.; Reithmaier, J.P.;

Semiconductor Laser Conference , 1992. Conference Digest. 13th IEEE International , Sept. 21-25, 1992

Pages:222 - 223

[\[Abstract\]](#) [\[PDF Full-Text \(108 KB\)\]](#) IEEE CNF

40 Flip-chip, Self-aligned, Opt electr nic Transceiver M dule

Jackson, K.P.; Flint, E.B.; Cina, M.F.; Lacey, D.; Trehwella, J.M.; Buchmann, f Harder, C.; Vettiger, P.;

Broadband Analog and Digital Optoelectronics, Optical Multiple Access Networ Integrated Optoelectronics, Smart Pixels, LEOS 1992 Summer Topical Meeting

Digest on , 29 July-12 Aug. 1992
Pages:B69 - B71

[\[Abstract\]](#) [\[PDF Full-Text \(280 KB\)\]](#) [IEEE CNF](#)

41 Lithography with high depth of focus by an ion projection system
Buchmann, L.-M.; Schnakenberg, U.; Torkler, M.; Loschner, H.; Stengl, G.; Ti C.; Fallmann, W.; Stangl, G.; Cekan, E.;
Micro Electro Mechanical Systems, 1992, MEMS '92, Proceedings. 'An Investig of Micro Structures, Sensors, Actuators, Machines and Robot'. IEEE , 4-7 Feb.

Pages:67 - 71

[\[Abstract\]](#) [\[PDF Full-Text \(360 KB\)\]](#) [IEEE CNF](#)

42 In-situ CI/sub 2/ Thermal Etching Of GaAs/AiGaAs For Damage Removal In A Plasma Etcher
Lechaton, J.S.; Buchmann, P.; Dietrich, H.-P.; Sasso, G.; Vettiger, P.; Webb,
Epitaxial Materials and In-Situ Processing for Optoelectronic Devices, 1991/Microfabrication for Photonics and Optoelectronics, 1991. LEOS 1991 Summer Topical Meetings on , July 29 - August 2, 1991
Pages:37 - 38

[\[Abstract\]](#) [\[PDF Full-Text \(124 KB\)\]](#) [IEEE CNF](#)

43 Operational experience with the TRIUMF optically pumped polarize ion source
Schmor, P.W.; Buchmann, L.; Jayamanna, K.; Levy, C.D.P.; McDonald, M.; R A.;
Particle Accelerator Conference, 1991. 'Accelerator Science and Technology'. Conference Record of the 1991 IEEE , 6-9 May 1991
Pages:1925 - 1927 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(308 KB\)\]](#) [IEEE CNF](#)

44 Accelerated radioactive beams at TRIUMF
D'Auria, J.; Buchmann, L.; Fraser, J.S.; Schneider, H.;
Particle Accelerator Conference, 1991. 'Accelerator Science and Technology'. Conference Record of the 1991 IEEE , 6-9 May 1991
Pages:2607 - 2609 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(256 KB\)\]](#) [IEEE CNF](#)

45 Very high power (500mW) AlGaAs SQW grinsch ridge laser with frequency doubled output (40mW at 428nm)
Jaeckel, H.; Bona, G.L.; Buchmann, P.; Meier, H.; Vettiger, P.; Kozlovsky, W. Lenth, W.;
Semiconductor Laser Conference, 1990. Conference Digest. 12th IEEE International , Sept. 9-14, 1990
Pages:270 - 271

[\[Abstract\]](#) [\[PDF Full-Text \(136 KB\)\]](#) [IEEE CNF](#)

[Prev](#) [1](#) [2](#) [3](#) [4](#) [Next](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) |
[New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online](#)
[Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved



United States Patent and Trademark Office



» 3e

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)

Quick Links

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards


Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Abstract

-  Access the
IEEE Enterprise
File Cabinet

 **Print Form**

Your search matched **47** of **1108377** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or entering a new one in the text box.

(state of health<in>au) <or> (buchmann <in>au)

Search

☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

16 How to run experiments with large peer-to-peer data structures

Buchmann, E.; Bohm, K.;

Parallel and Distributed Processing Symposium, 2004. Proceedings. 18th International, 26-30 April 2004

Pages:27

[\[Abstract\]](#) [\[PDF Full-Text \(1421 KB\)\]](#) [IEEE CNE](#)

17 Evolutionary drawing formalization in an engineering database environment

Buchmann, A.P.; Kunij, T.L.;

Computer Software and Applications Conference, 1979. COMPSAC 79. Proceedings of the IEEE Computer Society's Third International , November 6-8, 1979

Pages:732 - 737

[Abstract] [PDF Full-Text (472 KB)] IEEE CNF

18 An infrastructure for meta-auctions

Bornhovd, C.; Cilia, M.; Liebig, C.; Buchmann, A.;

Advanced Issues of E-Commerce and Web-Based Information Systems, 2000.
WECWIS 2000. Second International Workshop on , 8-9 June 2000

Pages:21 - 30

[Abstract] [PDF Full-Text (236 KB)] IEEE CNE

19 A generic load/extract utility for data transfer between XML documents and relational databases

Bourret, R.; Bornhovd, C.; Buchmann, A.:

Advanced Issues of E-Commerce and Web-Based Information Systems, 2000.
WECWIS 2000. Second International Workshop on , 8-9 June 2000

Pages:134 - 143

[\[Abstract\]](#) [\[PDF Full-Text \(172 KB\)\]](#) IEEE CNF

20 A scalable SDH/SONET framer architecture for datacom and telc applications

Herkersdorf, A.; Buchmann, P.; Clauberg, R.; Lemppenau, W.; Schindler, H.R. Webb, D.;

Broadband Communications, 2000. Proceedings. 2000 International Zurich Se on , 15-17 Feb. 2000

Pages:191 - 198

[\[Abstract\]](#) [\[PDF Full-Text \(724 KB\)\]](#) IEEE CNF

21 Injection molding techniques for epoxy molding compounds

Glauch, D.; Rajadhyaksha, M.; Buchmann, H.-F.; Martell, S.R.; Schwab, H.; P L.;

Electrical Insulation Conference, 1997, and Electrical Manufacturing & Coil Wir Conference. Proceedings , 22-25 Sept. 1997

Pages:7 - 13

[\[Abstract\]](#) [\[PDF Full-Text \(476 KB\)\]](#) IEEE CNF

22 Active object-relational mediators

Kudrass, T.; Loew, A.; Buchmann, A.P.;

Cooperative Information Systems, 1996. Proceedings., First IFCIS Internation Conference on , 19-21 June 1996

Pages:228 - 239

[\[Abstract\]](#) [\[PDF Full-Text \(1236 KB\)\]](#) IEEE CNF

23 Performance modelling of distributed e-business applications using Queuing Petri Nets

Kounev, S.; Buchmann, A.;

Performance Analysis of Systems and Software, 2003. ISPASS. 2003 IEEE International Symposium on , 6-8 March 2003

Pages:143 - 155

[\[Abstract\]](#) [\[PDF Full-Text \(922 KB\)\]](#) IEEE CNF

24 Evaluating advanced routing algorithms for content-based publish/subscribe systems

Muhl, G.; Fiege, L.; Gartner, F.C.; Buchmann, A.;

Modeling, Analysis and Simulation of Computer and Telecommunications Syst 2002. MASCOTS 2002. Proceedings. 10th IEEE International Symposium on , 16 Oct. 2002

Pages:167 - 176

[\[Abstract\]](#) [\[PDF Full-Text \(1352 KB\)\]](#) IEEE CNF

25 Battery quick testing-a technol gy that has come f age

Buchmann, I.;

Telecommunications Energy Conference, 2002. INTELEC. 24th Annual

International , 29 Sept.-3 Oct. 2002
Pages:184 - 187

[\[Abstract\]](#) [\[PDF Full-Text \(284 KB\)\]](#) IEEE CNF

26 Evaluating and selecting Web sources as external information resources of a data warehouse

Yan Zhu; Buchmann, A.;

Web Information Systems Engineering, 2002. WISE 2002. Proceedings of the International Conference on , 12-14 Dec. 2002

Pages:149 - 160

[\[Abstract\]](#) [\[PDF Full-Text \(614 KB\)\]](#) IEEE CNF

27 Data transformation for warehousing Web data

Zhu, Y.; Bornhovd, C.; Buchmann, A.P.;

Advanced Issues of E-Commerce and Web-Based Information Systems, WECV 2001, Third International Workshop on. , 21-22 June 2001

Pages:74 - 85

[\[Abstract\]](#) [\[PDF Full-Text \(1168 KB\)\]](#) IEEE CNF

28 Artificial intelligence reads battery state-of-health in three minutes

Buchmann, I.;

Applications and Advances, 2001. The Sixteenth Annual Battery Conference on 12 Jan. 2001

Pages:263 - 265

[\[Abstract\]](#) [\[PDF Full-Text \(316 KB\)\]](#) IEEE CNF

29 Battery analysis in CyberSpace. Modern technology enables battery testing and restoration at the service counter

Buchmann, I.;

Applications and Advances, 2001. The Sixteenth Annual Battery Conference on 12 Jan. 2001

Pages:267 - 268

[\[Abstract\]](#) [\[PDF Full-Text \(240 KB\)\]](#) IEEE CNF

30 Event composition in time-dependent distributed systems

Liebig, C.; Cilia, M.; Buchmann, A.;

Cooperative Information Systems, 1999. CoopIS '99. Proceedings. 1999 IFCIS International Conference on , 2-4 Sept. 1999

Pages:70 - 78

[\[Abstract\]](#) [\[PDF Full-Text \(112 KB\)\]](#) IEEE CNF

[Prev](#) [1](#) [2](#) [3](#) [4](#) [Next](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore
RELEASE 1.2

 Welcome
 United States Patent and Trademark Office


» Se

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)

Quick Links

Welcome to IEEE Xplore

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **47** of **1108377** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.

(spath v<in>au) <or> (buchmann <in>au)

Search

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**1 GaAs single-mode rib waveguides with reactive ion-etched totally reflecting corner mirrors***Buchmann, P.; Kaufmann, H.;*

Lightwave Technology, Journal of , Volume: 3 , Issue: 4 , Aug 1985

Pages:785 - 788

[\[Abstract\]](#) [\[PDF Full-Text \(632 KB\)\]](#) **IEEE JNL**
2 Single-chip 622-Mb/s SDH/SONET framer, digital cross-connect and add/drop multiplexer solution
Baechtold, P.H.; Beakes, M.P.; Buchmann, P.; Clauberg, R.; Ewen, J.F.; Gilsdi, J.F.; Hauviller, P.; Herkersdorf, A.; Le Garrec, J.-C.; Lemppenau, W.; Parker, Pearson, D.J.; Pereira, J.M.; Plassat, D.; reynolds, S.K.; Schindler, H.R.; Steir, A.; Webb, D.J.; Widmer, A.X.;

Solid-State Circuits, IEEE Journal of , Volume: 36 , Issue: 1 , Jan. 2001

Pages:74 - 80

[\[Abstract\]](#) [\[PDF Full-Text \(140 KB\)\]](#) **IEEE JNL**
3 Design methodology for a large communication chip*Clauberg, R.; Buchmann, P.; Herkersdorf, A.; Webb, D.J.;*

Design & Test of Computers, IEEE , Volume: 17 , Issue: 3 , July-Sept. 2000

Pages:86 - 94

[\[Abstract\]](#) [\[PDF Full-Text \(104 KB\)\]](#) **IEEE JNL**
4 R tatable sh rtwave curtain antenna perable at very high wind sp*Bruger, P.; Buchmann, B.; Kurrer, K.-E.; Ozimek, C.;*

Broadcasting, IEEE Transactions on , Volume: 42 , Issue: 1 , March 1996

Pages:50 - 54

[\[Abstract\]](#) [\[PDF Full-Text \(440 KB\)\]](#) IEEE JNL

5 Passive self-aligned low-cost packaging of semiconductor laser array on Si motherboard

Hunziker, W.; Vogt, W.; Melchior, H.; Buchmann, P.; Vettiger, P.;
Photonics Technology Letters, IEEE , Volume: 7 , Issue: 11 , Nov. 1995
Pages:1324 - 1326

[\[Abstract\]](#) [\[PDF Full-Text \(468 KB\)\]](#) IEEE JNL

6 A high-density, four-channel, OEIC transceiver module utilizing planar processed optical waveguides and flip-chip, solder-bump technology

Jackson, K.P.; Flint, E.B.; Cina, M.F.; Lacey, D.; Kwark, Y.; Trehwella, J.M.;
Caulfield, T.; Buchmann, P.; Harder, Ch.; Vettiger, P.;
Lightwave Technology, Journal of , Volume: 12 , Issue: 7 , July 1994
Pages:1185 - 1191

[\[Abstract\]](#) [\[PDF Full-Text \(644 KB\)\]](#) IEEE JNL

7 Lithography with high depth of focus by an ion projection system

Buchmann, L.-M.; Schnakenberg, U.; Torkler, M.; Loschner, H.; Stengl, G.; tr.
C.; Fallmann, W.; Stangl, G.; Cekan, E.;
Microelectromechanical Systems, Journal of , Volume: 1 , Issue: 3 , Sept. 199
Pages:116 - 120

[\[Abstract\]](#) [\[PDF Full-Text \(552 KB\)\]](#) IEEE JNL

8 50 mW CW-operated single-mode surface-emitting AlGaAs lasers with 45° total reflection mirrors

Gfeller, F.R.; Buchmann, P.; Datwyler, K.; Reithmaier, J.P.; Vettiger, P.; Webb,
D.J.;
Photonics Technology Letters, IEEE , Volume: 4 , Issue: 7 , July 1992
Pages:698 - 700

[\[Abstract\]](#) [\[PDF Full-Text \(280 KB\)\]](#) IEEE JNL

9 Full-wafer technology-A new approach to large-scale laser fabrication and integration

Vettiger, P.; Benedict, M.K.; Bona, G.-L.; Buchmann, P.; Cahoon, E.C.; Datwy
K.; Dietrich, H.-P.; Moser, A.; Seitz, H.K.; Voegeli, O.; Webb, D.J.; Wolf, P.;
Quantum Electronics, IEEE Journal of , Volume: 27 , Issue: 6 , June 1991
Pages:1319 - 1331

[\[Abstract\]](#) [\[PDF Full-Text \(1564 KB\)\]](#) IEEE JNL

10 Very high-power (425 mW) AlGaAs SQW-GRIN-SCH ridge laser with frequency-doubled output (41 mW at 428 nm)

Jaeckel, H.; Bona, G.-L.; Buchmann, P.; Meier, H.P.; Vettiger, P.; Kozlovsky, I
Lenth, W.;
Quantum Electronics, IEEE Journal of , Volume: 27 , Issue: 6 , June 1991
Pages:1560 - 1567

[\[Abstract\]](#) [\[PDF Full-Text \(636 KB\)\]](#) IEEE JNL

11 Beam properties of AlGaAs power lasers with high-quality etched mirrors

Bona, G.L.; Buchmann, P.; Clauberg, R.; Jaeckel, H.; Vettiger, P.; Voegeli, O.; Webb, D.J.;

Photonics Technology Letters, IEEE , Volume: 3 , Issue: 5 , May 1991

Pages:412 - 414

[\[Abstract\]](#) [\[PDF Full-Text \(212 KB\)\]](#) IEEE JNL

12 High-speed characterization of a monolithically integrated GaAs-Al quantum-well laser-detector

Jackson, K.P.; Harder, C.; Buchmann, P.; Datwyler, K.;

Photonics Technology Letters, IEEE , Volume: 2 , Issue: 11 , Nov. 1990

Pages:832 - 834

[\[Abstract\]](#) [\[PDF Full-Text \(252 KB\)\]](#) IEEE JNL

13 Ridge formation for AlGaAs GRINSCH lasers by Cl₂ reactive ion etch

Jost, M.; Bona, G.L.; Buchmann, P.; Sasso, G.; Vettiger, P.; Webb, D.;

Photonics Technology Letters, IEEE , Volume: 2 , Issue: 10 , Oct. 1990

Pages:697 - 698

[\[Abstract\]](#) [\[PDF Full-Text \(156 KB\)\]](#) IEEE JNL

14 Low threshold current GaAs/AlGaAs GRIN-SCH lasers grown by molecular beam epitaxy on Si₃N₄ masked substrates

Meier, H.P.; Van Gieson, E.; Walter, W.; Harder, C.; Buchmann, P.; Webb, D.; Moser, A.;

Electronics Letters , Volume: 24 , Issue: 18 , 1 Sept. 1988

Pages:1123 - 1125

[\[Abstract\]](#) [\[PDF Full-Text \(400 KB\)\]](#) IEEE JNL

15 Design comparison and control of medium voltage STATCOM with a twin converter topology

Ponnaluri, S.; Steinke, J.K.; Steimer, P.; Reichert, S.; Buchmann, B.;

Power Electronics Specialists Conference, 2004. PESC 04. 2004 IEEE 35th

Annual , Volume: 4 , 20-25 June 2004

Pages:2546 - 2552 Vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(530 KB\)\]](#) IEEE CNF

[1](#) [2](#) [3](#) [4](#) [Next](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7562	fuzzy adj logic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 16:36
L2	600811	batter\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 16:36
L3	896	L2 adj3 model\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 16:36
L4	19	L3 and L1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 16:36
L5	2753	\$7chemi\$6 same typ\$4 same match\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 16:40
L6	10	L5 and 1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 16:42
L7	26	(4 xor 6) (4 and 6) and @ad<="20010820"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 16:42
L8	2	4 and 6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 16:38
L9	231	\$7chemi\$6 with typ\$4 with match\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 16:40

L10	2	L9 and 1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 16:42
L11	0	10 and @ad<="20010820"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 16:42
L12	1	8 and @ad<="20010820"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 16:46
L13	134	320/130.ccls.	USPAT	OR	ON	2004/12/27 16:46
L14	414	320/132.ccls.	USPAT	OR	ON	2004/12/27 16:46
L15	507	(L13 xor L14) (L13 and L14)	USPAT	OR	ON	2004/12/27 16:46
L16	148	706/1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 16:46
L17	191	320/127.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 16:46
L18	339	(L16 xor L17) (L16 and L17)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 16:46
L19	188	702/63.ccls.	USPAT	OR	ON	2004/12/27 16:46
L20	51	702/88.ccls.	USPAT	OR	ON	2004/12/27 16:46
L21	239	(L19 xor L20) (L19 and L20)	USPAT	OR	ON	2004/12/27 16:46
L22	512	(L21 xor L18) (L21 and L18)	USPAT	OR	ON	2004/12/27 16:46
L23	998	(L22 xor L15) (L22 and L15)	USPAT	OR	ON	2004/12/27 16:46
L24	262	320/106.ccls.	USPAT	OR	ON	2004/12/27 16:46
L25	1230	(L23 xor L24) (L23 and L24)	USPAT	OR	ON	2004/12/27 16:46
L26	4	7 and L25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 16:46



Enter Web Address:

All ▾

Take Me Back

Adv. Search

Searched for <http://www.buchmann.ca/article14-page2.asp>

11 Results

* denotes when site was updated.

Search Results for Jan 01, 1996 - Dec 27, 2004

1996	1997	1998	1999	2000	2001	2002	2003	2004
0 pages	0 pages	0 pages	0 pages	0 pages	0 pages	3 pages	7 pages	1 pages
						Mar 29, 2002 *	Jan 07, 2003	Feb 05, 2004
						Jun 14, 2002	Feb 20, 2003	
						Sep 17, 2002	Apr 19, 2003	
							Jun 28, 2003	
							Aug 02, 2003	
							Oct 03, 2003	
							Dec 11, 2003	

[Home](#) | [Help](#)

[Copyright © 2001, Internet Archive](#) | [Terms of Use](#) | [Privacy Policy](#)



Enter Web Address: [Adv. Search](#)

0 pages found for <http://www.empf.org/html/empfasis/dec2003.pdf>

Sorry, no matches.

Keep in mind...

- **There is no text search.** Enter a web address in the box above.
 - Click here to search for all pages on [empf.org/](http://www.empf.org/)
 - See the [FAQs](#) for more info and help, or [contact us](#).
-

[Home](#) | [Help](#)

[Copyright © 2001, Internet Archive](#) | [Terms of Use](#) | [Privacy Policy](#)


[Web](#) [Images](#) [Groups](#) [News](#) [News](#) [Froogle](#) [more »](#)

[Advanced Search](#)
[Preferences](#)

Web

Results 11 - 19 of about 24 for +"fuzzy logic" "~battery ~chemistry" +~health. (0.14 seconds)

[\[PDF\] UNCLASSIFIED Supporting Data FY 2001 Budget Estimate Submitted to ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... of Environmental Medicine, the Medical Institute of Chemical Defense, the ...
 1678 - Utilize **fuzzy logic** to control level of object detail and to model ...

www.asafm.army.mil/budget/fybm/fy01/rforms/vol1/vol1.pdf - [Similar pages](#)

[NAVY - 309 Phase I Selections from the 04.1 Solicitation](#)

... schemes involving neural network, **fuzzy logic** and decision theoretic methods.
 ... with basic **battery chemistry**, non-standardized manufacturing methods, ...

www.dodsbir.net/selections/abs041/navyabs041.htm - 513k - [Cached](#) - [Similar pages](#)

[NAVY - 267 Phase I Selections from the 99.1 Solicitation](#)

... The superior characteristics of this **battery chemistry** seem particularly ...
 optimize utilization of resources, and enhance **medical** decision-making. ...

www.dodsbir.net/selections/abs991navy.htm - 440k - [Cached](#) - [Similar pages](#)

[[More results from www.dodsbir.net](#)]

[Dpt. of Defense SBIR Awards 1994](#)

... with improved **battery chemistry** an system technology available at Westinghouse.

... We propose employing a hybrid neural network/**fuzzy logic**/image ...

www.nttc.edu/resources/funding/awards/dod/1994sbir/army94.asp - 427k - [Cached](#) - [Similar pages](#)

[Dpt. of Defense SBIR Awards 1995](#)

... The fundamental studies of the **battery chemistry** and electrochemistry were

... of the **fuzzy logic**/genetic algorithm controllers developed in Phase I, ...

www.nttc.edu/resources/funding/awards/dod/ph2abs95.asp - 513k - [Cached](#) - [Similar pages](#)

[\[PDF\] Official Show Catalogue](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... 17 & 18. First Aid > A fully equipped **medical** centre is located in the
 main Atrium opposite Hall 8 entrance. Lost Property > The ...

www.showtimemedia.com/pdfs/2001/mobexpo.pdf - [Similar pages](#)

[Energy Technology - 1914 of the best sites selected by humans](#)

... -**Fuzzy Logic** Control for Power System Stabili... ... -Alternative World Energy
 and **Health** -Alternative Energy Institute, Inc. ...

www.cbcl.com/energy_technology/ - 310k - [Cached](#) - [Similar pages](#)

[Energy Technology - Our team selected 1914 of the best sites](#)

... -Alternative World Energy and **Health** -Alternative Energy Institute, Inc. ...

-**Fuzzy Logic** Control for Power System Stabili... ...

www.cbcl.com/energy_technology/?order=alpha - 309k - Dec 25, 2004 - [Cached](#) - [Similar pages](#)

[»»Reviews for Engineering««](#)

... The chapters are divided by **battery chemistry**, and each ... became interested in this
health-oriented subject ... **Fuzzy Logic** With Engineering Applications. Published in ...

www.booksunderreview.com/Business/Industrial_Goods_and_Services/Engineering/Engineering_22.html - 44k -

[Cached](#) - [Similar pages](#)

In order to show you the most relevant results, we have omitted some entries very similar to the 19 already displayed.

If you like, you can repeat the search with the omitted results included.



Result Page: [Previous](#) [1](#) [2](#)

[Search within results](#) | [Language Tools](#) | [Search Tips](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google



[Web](#) [Images](#) [Groups](#) [News](#) [Froogle](#) [more »](#)

+"fuzzy logic" "~battery ~chemistry" +~hea

[Search](#)

[Advanced Search](#)
[Preferences](#)

Web

Results 1 - 10 of about 24 for +"fuzzy logic" "~battery ~chemistry" +~health. (0.36 seconds)

Empfasis - Battery Prognostics

... technique and has related the measurements to the specific **battery chemistry**.

... **Fuzzy logic** is also used to find the SOC and SOH of the battery. ...

www.empf.org/empfasis/archive/1203battery.htm - 16k - [Cached](#) - [Similar pages](#)

(PDF) Battery Prognostics

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... **battery chemistry**. The algorithms are based on electric cir- ... **Fuzzy logic**

is also used to find the SOC and SOH of the. battery. ...

www.empf.org/html/empfasis/dec2003.pdf - [Similar pages](#)

(PDF) Development of Fuzzy Logic-Based Lead Acid Battery Management ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... for determining the state-of-**health** (SOH) of ... may be extended to any **battery chemistry** using virtually ... Clearly the combination of **fuzzy logic** data analysis and ...

www.ece.villanova.edu/~singh/PAPER/DMT42v.pdf - [Similar pages](#)

(PDF) Preliminary Design of a Smart Battery Controller for SLI Batteries

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... the state-of-charge/ state-of-**health** (SOC/SOH ... The primary advantage of developing a **fuzzy logic**-based SOC ... This means that the **battery chemistry** models may be ...

www.ece.villanova.edu/~singh/PAPER/PDSBCSLI.pdf - [Similar pages](#)

Battery testers for modern batteries

... **Battery chemistry**, voltage and current ratings are user-programmable. ...

The Cadex Quicktest™ is based on **fuzzy logic** and lasts about three minutes. ...

www.buchmann.ca/article14-page2.asp - 22k - [Cached](#) - [Similar pages](#)

Battery Intelligence Incorporated

... and is a generic approach that can be applied to any **battery chemistry**. ...

established to commercialize the **fuzzy logic** approach to battery SOC and ...

www.batteryintelligence.com/faq.htm - 12k - [Cached](#) - [Similar pages](#)

(PDF) SMART ACCELEROMETERS WITH WIRELESS INTERFACES FOR THE CONDITION ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... machinery condition and **health**. Think of this as. a "whole-body" gestalt of condition monitoring ... the **battery chemistry**. Specifically, very low self- ...

[domino.automation.rockwell.com/applications/gs/region/EntekWebST.nsf/files/Brooks99.pdf/\\$file/Brooks99.pdf](http://domino.automation.rockwell.com/applications/gs/region/EntekWebST.nsf/files/Brooks99.pdf/$file/Brooks99.pdf) -

[Similar pages](#)

Technical Articles: Category wise listing-Articles segregated ...

... Aging and user-conditions affect each **battery chemistry** differently. ...

the need for rigorous mathematical modeling with the use of **fuzzy logic**. ...

www.electronicsforu.com/electronicsforu/articles/categoryTree.asp?id=2 - 158k - [Cached](#) - [Similar pages](#)

(PDF) ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit) ARMY RDT&E ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... 1717 - Utilize **fuzzy logic** to control level of terrain detail and to model

... and US Army Center for **Health** Promotion and Preventive Medicine (CHPPM). ...

www.dtic.mil/descriptivesum/Y2000/Army/0601102a.pdf - [Similar pages](#)

[PDF] [TOC](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

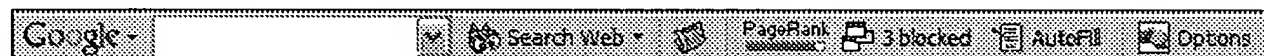
... Institute of Environmental Medicine, the Medical Institute of Chemical Defense,
... 1717 - Utilize **fuzzy logic** to control level of terrain detail and to ...

www.asafm.army.mil/budget/fybm/fy00-01/rforms/vol1/vol1.pdf - [Similar pages](#)

Google

Result Page: 1 2 3 [Next](#)

Free! Get the Google Toolbar. [Download Now](#) - [About Toolbar](#)



[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google

[Web](#) [Images](#) [Groups](#) [News](#) [Froogle](#) [more »](#)[Advanced Search](#)
[Preferences](#)**Web**

Results 1 - 1 of 1 for +"membership function" +"~battery ~chemistry" +~match. (0.45 seconds)

Tip: Try removing quotes from your search to get more results.

[\[PDF\] Motion Control Theory Needed in the Implementation of Practical ...](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)... TO MATCH TI. CURRENT. REQUEST. MATCHING CURRENT. ADDED TO CURRENT ... No mention of **battery chemistry** is complete without a personal weigh-in on the ...scholar.lib.vt.edu/theses/available/etd-05042000-15390036/unrestricted/jmentz.pdf - [Similar pages](#)Free! [Google Desktop Search](#): Search your own computer.[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google

[Web](#) [Images](#) [Groups](#) [New!](#) [News](#) [Froogle](#) [more »](#)[Advanced Search](#)
[Preferences](#)**Web**

Results 11 - 13 of about 17 for +"fuzzy logic" +"~battery ~chemistry" +~match. (0.17 seconds)

NAVY - 267 Phase I Selections from the 99.1 Solicitation

... The superior characteristics of this **battery chemistry** seem particularly well
... to channel seam **matching** impose stringent image mapping requirements. ...
www.dodsbir.net/selections/abs991navy.htm - 440k - [Cached](#) - [Similar pages](#)

[[More results from www.dodsbir.net](#)]

(PDF) Official Show Catalogue

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... keypad section. I've got several different colours so I can mix and **match**
them depending on what I feel like that day. I have ...

www.showtimemedia.com/vpdfs/2001/mobexpo.pdf - [Similar pages](#)

Integral fire alarms in electronic goods?

... The least caustic **battery chemistry** that I am aware of is that of ... Like, say, **matches**. ...

There are appliances already using "fuzzy logic" to wash dishes to the ...
www.electronics-forum.net/repair/integral_fire_alarms_in_electronic_goods_282898.html - 64k -
[Cached](#) - [Similar pages](#)

*In order to show you the most relevant results, we have omitted some entries very similar to
the 13 already displayed.*

If you like, you can repeat the search with the omitted results included.

Result Page: [Previous](#) [1](#) [2](#)[Search within results](#) | [Language Tools](#) | [Search Tips](#)[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google


[Web](#) [Images](#) [Groups](#) [News](#) [Froogle](#) [more »](#)

[Advanced Search](#)
[Preferences](#)

Web

 Results 1 - 10 of about 17 for +**"fuzzy logic"** + **"~battery ~chemistry"** + **~match**. (0.30 seconds)

Technical Articles: Category wise listing-Articles segregated ...

... Aging and user-conditions affect each **battery chemistry** differently. ...
 the need for rigorous mathematical modeling with the use of **fuzzy logic**. ...

www.electronicsforu.com/electronicsforu/articles/categoryTree.asp?id=2 - 158k - [Cached](#) - [Similar pages](#)

Technical Articles: Category wise listing-Articles segregated ...

... Requirements The UPS system should **match** the load ... and user-conditions affect each **battery chemistry** differently ... Electronics For You Magazine; **Fuzzy Logic** and its ...

www.electronicsforu.com/Electronicsforu/articles/categoryTree.asp?id=2 - 101k - [Cached](#) - [Similar pages](#)

EDN Access -- 03.02.95 Smart-battery technology: power ...

... you design depends on the product's **battery chemistry** or on ... thus, suits the final mix-and-**match** option. ... the company derived using neural **fuzzy-logic** algorithms ...

www.reed-electronics.com/ednmag/archives/1995/030295/05df1.htm - 43k - [Cached](#) - [Similar pages](#)

[PDF] Motion Control Theory Needed in the Implementation of Practical ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... TO **MATCH** TI. CURRENT. REQUEST. **MATCHING** CURRENT. ADDED TO CURRENT ...

Fuzzy Logic, a soft computing technique, can improve on the system performance ...

scholar.lib.vt.edu/theses/available/etd-05042000-15390036/unrestricted/jmentz.pdf - [Similar pages](#)

[PDF] ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... 1678 - Utilize **fuzzy logic** to control level of object detail and to model volumetric ... Improve Lithium/polymer **battery chemistry** for long storage, ...

www.dtic.mil/descriptivesum/Y2001/Army/0601102A.pdf - [Similar pages](#)

Integral fire alarms in electronic goods? - Consumers

... The least caustic **battery chemistry** that I am aware of is that of cheap ...

Like, say, **matches**. Cigarettes. Gas cans (kinda tough to put the fire alarm ...

www.chataboutbusiness.com/Integral_fire_alarms_in_electronic_goods-3685515-1174-a.html - 51k -

[Cached](#) - [Similar pages](#)

[PDF] Table of Contents

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... There are silicon ICs in the market that can charge multiple **battery chemistry** and ...

Real-time data logging is possible with ICs but none can **match** what a ...

innovexpo.itee.uq.edu.au/1998/thesis/choot/battery.pdf - [Similar pages](#)

Dpt. of Defense SBIR Awards 1994

... with improved **battery chemistry** an system technology available at Westinghouse.

... We propose employing a hybrid neural network/**fuzzy logic**/image ...

www.nttc.edu/resources/funding/awards/dod/1994sbir/army94.asp - 427k - [Cached](#) - [Similar pages](#)

Dpt. of Defense SBIR Awards 1995

... The fundamental studies of the **battery chemistry** and electrochemistry were

... of the **fuzzy logic**/genetic algorithm controllers developed in Phase I, ...

www.nttc.edu/resources/funding/awards/dod/ph2abs95.asp - 513k - [Cached](#) - [Similar pages](#)

[[More results from www.ntic.edu](#)]

NAVY - 309 Phase I Selections from the 04.1 Solicitation


... involving neural network, **fuzzy logic** and decision theoretic methods. ...

and UHF communications relay system that **matches** Navy ForceNet objectives. ...

www.dodsbir.net/selections/abs041/navyabs041.htm - 513k - [Cached](#) - [Similar pages](#)

Google ►

Result Page: 1 2 [Next](#)

 Free! [Google Desktop Search](#): Search your own computer.

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google

[Web](#) [Images](#) [Groups](#) [News](#) [Froogle](#) [more »](#)

+"fuzzy logic" +"~battery ~chemistry"

Search

[Advanced Search](#)
[Preferences](#)**Web**

Results 1 - 10 of about 46 for +"fuzzy logic" +"~battery ~chemistry". (0.34 seconds)

Empfasis - Battery Prognostics... technique and has related the measurements to the specific **battery chemistry**.... **Fuzzy logic** is also used to find the SOC and SOH of the battery. ...www.empf.org/empfasis/archive/1203battery.htm - 16k - [Cached](#) - [Similar pages](#)[PDF] **Battery Prognostics**File Format: PDF/Adobe Acrobat - [View as HTML](#)... **battery chemistry**. The algorithms are based on electric cir- ... **Fuzzy logic** is also used to find the SOC and SOH of the. battery. ...www.empf.org/html/empfasis/dec2003.pdf - [Similar pages](#)**Battery testers for modern batteries**... **Battery chemistry**, voltage and current ratings are user-programmable. ...The Cadex Quicktest™ is based on **fuzzy logic** and lasts about three minutes. ...www.buchmann.ca/article14-page2.asp - 22k - [Cached](#) - [Similar pages](#)[PDF] **Development of Fuzzy Logic-Based Lead Acid Battery Management ...**File Format: PDF/Adobe Acrobat - [View as HTML](#)... is generic and may be extended to any **battery chemistry** using virtually ... Clearly the combination of **fuzzy logic** data analysis and a battery interrogation method ...www.ece.villanova.edu/~singh/PAPER/DMT42v.pdf - [Similar pages](#)[PDF] **Preliminary Design of a Smart Battery Controller for SLI Batteries**File Format: PDF/Adobe Acrobat - [View as HTML](#)... This means that the **battery chemistry** models may be stored in on-chip ... Additionally, the **fuzzy logic** method allows fast model development time for new battery ...www.ece.villanova.edu/~singh/PAPER/PDSBCSLI.pdf - [Similar pages](#)**Battery Intelligence Incorporated**... and is a generic approach that can be applied to any **battery chemistry**. ...established to commercialize the **fuzzy logic** approach to battery SOC and ...www.batteryintelligence.com/faq.htm - 12k - [Cached](#) - [Similar pages](#)**FLORIDA EDUCATIONAL SEMINARS**... 5:15 - 5:45 Impact of **Battery Chemistry** on the Safety of Lithium Ion and ...11:45 - 12:15 **Fuzzy Logic**-Based Monitoring of SOC and SOH of Pb/Acid, ...www.powersources.net/florida/primary_secondary.html - 19k - [Cached](#) - [Similar pages](#)[PDF] **2002-01-1196 Simulation Influence in the Design Process of Mild ...**File Format: PDF/Adobe Acrobat - [View as HTML](#)... **battery chemistry**, the choice of voltage, and the choice ... learning (perhaps through **fuzzy logic**) to each driver's ...www.delphi.com/pdf/techpapers/2002-01-1196.pdf - [Similar pages](#)**DDJ**... expert systems, neural networks, genetic algorithms, and **fuzzy logic**. Robot Lessons... It's all a matter of chemistry. In this case, **battery chemistry**. ...webreview.com/topics/realtime/premium.html - 68k - [Cached](#) - [Similar pages](#)

Yahoo! Groups : ETList Messages : Message 2915 of 4300


... 5:15 - 5:45 Impact of **Battery Chemistry** on the Safety of Lithium Ion and ...

12:00 -12:30 Fuzzy Logic - A Battery Monitoring Concept - J. Burdick, ...

groups.yahoo.com/group/ETList/message/2915 - 23k - [Cached](#) - [Similar pages](#)

Goooooogle ►

Result Page: 1 2 3 4 5 [Next](#)

 [Free! Google Desktop Search:](#) Search your own computer.

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google


[Web](#) [Images](#) [Groups](#) [News](#) [Froogle](#) [more »](#)

+"~battery ~chemistry"

Search

[Advanced Search](#)
[Preferences](#)

Web

Results 1 - 10 of about 4,760 for +"~battery ~chemistry". (0.23 seconds)

Battery Chemistry Tutorial and FAQ from PowerStream: Custom ...

... Alkaline **battery chemistry** was first introduced in the early '60s. ...Lithium **battery chemistry** comprise a number of cell designs that use lithium as ...www.powerstream.com/BatteryFAQ.html - 101k - Dec 25, 2004 - [Cached](#) - [Similar pages](#)

Battery chemistry comparison chart

... Copyright 2000, 2002, 2003 Lund Instrument Engineering, Inc. All rights reserved.

How to choose your **battery chemistry**. ... **Battery Chemistry** FAQ ...www.powerstream.com/Compare.htm - 45k - [Cached](#) - [Similar pages](#)

Howstuffworks "How Batteries Work"

... **Battery Chemistry**: Voltaic Pile The first battery was created by Alessandro Volta in 1800. To create his battery, he made a stack by alternating layers ...electronics.howstuffworks.com/battery2.htm - 29k - [Cached](#) - [Similar pages](#)

Howstuffworks "How Batteries Work"

... **Battery Chemistry**: Daniell Cell In the 1800s, before the invention of the electrical generator (the generator was not invented and perfected until the ...electronics.howstuffworks.com/battery3.htm - 29k - [Cached](#) - [Similar pages](#)[[More results from electronics.howstuffworks.com](#)]

Batteries

Primary batteries. Leclanche cells; Alkaline cells; Lithium Batteries. Secondary batteries. Pb/acid; NiCd; Nickel Metal hydride; Sodium/sulfur; Lithium ion ...

www.chem.orst.edu/ch411/schatt.htm - 29k - [Cached](#) - [Similar pages](#)

Remy Battery

... **Battery Chemistry** Glossary History. Home, Login, Shopping Cart, Customer Service... Home > Information Center > **Battery Chemistry**. Information Center ...www.remybattery.com/chemistry.asp - 30k - [Cached](#) - [Similar pages](#)

Battery Resources

... **Battery Chemistry** Tutorial: Published By: PowerStream. How Batteries Work:

Published by: Howstuffworks, Inc. Societies ...

home.nas.net/~dbc/cic_hamilton/battery.html - 4k - [Cached](#) - [Similar pages](#)

lithium battery chemistry - The only bookmark you need!

Welcome to the grooviest HIGH QUALITY link listing about lithium **battery chemistry**!... lithium **battery chemistry** famous sites on lithium battery ...hansol-ru.ru/lithium/battery/chemistry/ - [Similar pages](#)

DS2438 Smart Battery Monitor

... storage of important parameters such as **battery chemistry**, battery capacity,... The customization for a particular **battery chemistry** and capacity is ...www.maxim-ic.com/quick_view2.cfm/qv_pk/2919 - 28k - [Cached](#) - [Similar pages](#)

Resources of lithium battery chemistry for those interested in ...

Find here: lithium **battery chemistry** & aaa lithium. ... An virginal lithium

Digitized by Google

 Free! Google Desktop Search: Search your own computer.

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

©2004 Google

[Web](#) [Images](#) [Groups](#) [News](#) [Froogle](#) [more »](#)[Search](#)[Advanced Search](#)
[Preferences](#)

Web

We have your batteries

www.lowcostbatteries.com

Thousands of batteries. Free Shipping and Low Prices.

Sponsored Link

Tip: Try removing quotes from your search to get more results.

Your search - "~battery ~type ~matching" - did not match any documents.

Suggestions:

- Make sure all words are spelled correctly.
- Try different keywords.
- Try more general keywords.

Also, you can try [Google Answers](#) for expert help with your search.

Sponsored Links

Hard to find battery?

Find it here. 100% Free Shipping.
10% off with batt10 code.
www.batteries.com

Battery Type

Compare prices on
Batteries and Power Equipment!
www1.PriceTool.com

Batteries - Wal-Mart

Wide selection. Buy online.
Every Day Low Prices. Save now!
www.walmart.com

Battery Holiday Sale

Save 42% Plus Coupon GLE10 10% Off
Free Shipping! Sale Ends 12/31/2004
www.ebatts.com

Replacement Battery Sale

Low prices. Units In stock now.
100% Guarantee. Free Shipping.
www.BatterySavings.com

Sunn Battery

If it's a **battery**, we have it!
We carry any **type** imaginable.
www.sunnbattery.com

Battery Buyer's Guide

Manufacturers, Suppliers, Retailers
1356 **Battery** Businesses Worldwide
www.SourceGuides.com[See your message here...](#)[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)Search: ☒ The ACM Digital Library ☐ The Guide

US Patent & Trademark Office

Nothing Found

Your search for **+"membership function" +"~battery ~chemistry" +~match** did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

Quick Tips

- Enter your search terms in lower case with a space between the terms.

sales offices

You can also enter a full question or concept in plain language.

Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a + if a search term must appear on a page.

museum +art

- Exclude pages by using a - if a search term must not appear on a page.





museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)



US Patent & Trademark Office

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide



Nothing Found

Your search for +"fuzzy logic" +"~battery ~chemistry" +~match did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

Quick Tips

- Enter your search terms in [lower case](#) with a space between the terms.

sales offices

You can also enter a full question or concept in [plain language](#).

Where are the sales offices?

- Capitalize [proper nouns](#) to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a [phrase](#) in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a + if a search term [must appear](#) on a page.

museum +art

- Exclude pages by using a - if a search term [must not appear](#) on a page.





museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)



US Patent & Trademark Office

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)Search: ☒ The ACM Digital Library ☐ The Guide

+"~battery ~type ~matching"



Nothing Found

Your search for +"~battery ~type ~matching" did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

Quick Tips

- Enter your search terms in [lower case](#) with a space between the terms.

sales offices

You can also enter a full question or concept in [plain language](#).

Where are the sales offices?

- Capitalize [proper nouns](#) to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a [phrase](#) in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a + if a search term [must appear](#) on a page.

museum +art

- Exclude pages by using a - if a search term [must not appear](#) on a page.





museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)Search: ☒ The ACM Digital Library ☐ The Guide

Nothing Found

Your search for +"~battery ~chemistry" +"~type ~matching" did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

Quick Tips

- Enter your search terms in [lower case](#) with a space between the terms.

sales offices

You can also enter a full question or concept in [plain language](#).

Where are the sales offices?

- Capitalize [proper nouns](#) to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a [phrase](#) in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a + if a search term [must appear](#) on a page.

museum +art

- Exclude pages by using a - if a search term [must not appear](#) on a page.





museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)



US Patent & Trademark Office

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide



Nothing Found

Your search for **+"membership function" +"~battery ~chemistry ~type ~matching"** did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

Quick Tips

- Enter your search terms in lower case with a space between the terms.

sales offices

You can also enter a full question or concept in plain language.

Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a **+** if a search term must appear on a page.

museum +art

- Exclude pages by using a **-** if a search term must not appear on a page.





museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)



US Patent & Trademark Office

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide



Nothing Found

Your search for +"fuzzy logic" +"~battery ~chemistry ~type ~matching" did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

Quick Tips

- Enter your search terms in [lower case](#) with a space between the terms.

sales offices

You can also enter a full question or concept in [plain language](#).

Where are the sales offices?

- Capitalize [proper nouns](#) to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a [phrase](#) in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a + if a search term [must appear](#) on a page.

museum +art

- Exclude pages by using a - if a search term [must not appear](#) on a page.





museum -Paris

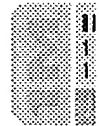
Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) | [Publications/Services](#) | [Standards](#) | [Conferences](#) | [Careers/Jobs](#)**IEEE Xplore**
RELEASE 1.0Welcome
United States Patent and Trademark Office

» See

[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)**Quick Links**

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

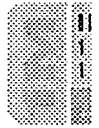
[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

Your search matched **0** of **1105713** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**Results:****No documents matched your query.**

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) | [Publications/Services](#) | [Standards](#) | [Conferences](#) | [Careers/Jobs](#)**IEEE Xplore**
RELEASE 1.8Welcome
United States Patent and Trademark Office

» See

[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)[Quick Links](#)

Welcome to IEEE Xplore™

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

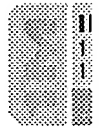
[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

Your search matched **0** of **1105713** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**Results:****No documents matched your query.**

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) | [Publications/Services](#) | [Standards](#) | [Conferences](#) | [Careers/Jobs](#)**IEEE Xplore**
RELEASE 1.8Welcome
United States Patent and Trademark Office

» See

[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

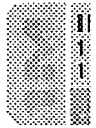
[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

Your search matched **0** of **1105713** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**Results:****No documents matched your query.**

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) | [Publications/Services](#) | [Standards](#) | [Conferences](#) | [Careers/Jobs](#)**IEEE Xplore**
RELEASE 1.0Welcome
United States Patent and Trademark Office

» See

[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

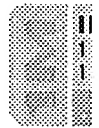
[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

Your search matched **0** of **1105713** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**Results:****No documents matched your query.**

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) | [Publications/Services](#) | [Standards](#) | [Conferences](#) | [Careers/Jobs](#)**IEEE Xplore**
RELEASE 1.0Welcome
United States Patent and Trademark Office

» See

[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)**Quick Links**

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

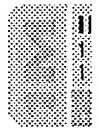
Your search matched **0** of **1105713** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**Results:****No documents matched your query.**

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)

[Membership](#) | [Publications/Services](#) | [Standards](#) | [Conferences](#) | [Careers/Jobs](#)
IEEE Xplore[®]
RELEASE 1.0

 Welcome
 United States Patent and Trademark Office


» See

[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)
[Quick Links](#)
Welcome to IEEE Xplore[®]

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

[Print Format](#)

 Your search matched **0** of **1105713** documents.

 A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

Results:
No documents matched your query.
[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) | [Publications/Services](#) | [Standards](#) | [Conferences](#) | [Careers/Jobs](#)**IEEE Xplore**
RELEASE 1.2Welcome
United States Patent and Trademark Office

» See

[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)[Quick Links](#)**Welcome to IEEE Xplore**

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Your search matched **0** of **1105713** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**Results:****No documents matched your query.** [Print Format](#)[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)

[Membership](#) | [Publications/Services](#) | [Standards](#) | [Conferences](#) | [Careers/Jobs](#)
IEEE Xplore
RELEASE 1.2

 Welcome
 United States Patent and Trademark Office


» Se

[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

 Your search matched **2** of **1105713** documents.

 A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 Fuzzy logic-based state-of-health determination of lead acid batteries

Singh, P.; Reisner, D.;

Telecommunications Energy Conference, 2002. INTELEC. 24th Annual International, 29 Sept.-3 Oct. 2002

Pages:583 - 590

[\[Abstract\]](#)
[\[PDF Full-Text \(489 KB\)\]](#)

IEEE CNF

2 Artificial intelligence reads battery state-of-health in three minutes

Buchmann, I.;

Applications and Advances, 2001. The Sixteenth Annual Battery Conference on 12 Jan. 2001

Pages:263 - 265

[\[Abstract\]](#)
[\[PDF Full-Text \(316 KB\)\]](#)

IEEE CNF

Print Format

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) | [Publications/Services](#) | [Standards](#) | [Conferences](#) | [Careers/Jobs](#)**IEEE Xplore**
RELEASE 1.2Welcome
United States Patent and Trademark Office

» See

[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)[Quick Links](#)

Welcome to IEEE Xplore™

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

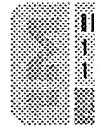
Your search matched **0** of **1105713** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**Results:****No documents matched your query.**

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)

[Membership](#) | [Publications/Services](#) | [Standards](#) | [Conferences](#) | [Careers/Jobs](#)
IEEE Xplore
RELEASE 1.2

 Welcome
 United States Patent and Trademark Office


» Se

[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

 Your search matched **1** of **1105713** documents.

 A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 Analysis and interpretation of conductance measurements used to assess the state-of-health of valve regulated lead acid batteries

Feder, D.O.; Hlavac, M.J.;

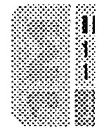
Telecommunications Energy Conference, 1994. INTELEC '94., 16th International ; 30 Oct.-3 Nov. 1994

Pages:282 - 291

[\[Abstract\]](#)
[\[PDF Full-Text \(520 KB\)\]](#)
IEEE CNF

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)

[Membership](#) | [Publications/Services](#) | [Standards](#) | [Conferences](#) | [Careers/Jobs](#)
IEEE Xplore
RELEASE 1.2

 Welcome
 United States Patent and Trademark Office


» See

[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

Your search matched **0** of **1105713** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.

(health state<in>ti)

☐ Check to search within this result set
Results Key:**JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**Results:****No documents matched your query.**

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)

[Membership](#) | [Publications/Services](#) | [Standards](#) | [Conferences](#) | [Careers/Jobs](#)
IEEE Xplore
RELEASE 1.8

 Welcome
 United States Patent and Trademark Office


» Se

[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

 Your search matched **1** of **1105713** documents.

 A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 The detection of the state of health of lead-acid batteries
Spath, V.; Jossen, A.; Doring, H.; Garcke, J.;

Telecommunications Energy Conference, 1997. INTELEC 97., 19th International, 19-23 Oct. 1997

Pages:681 - 686

[\[Abstract\]](#)
[\[PDF Full-Text \(352 KB\)\]](#)
IEEE CNF
[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE


[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)
IEEE Xplore
RELEASE 1.0

 Welcome
 United States Patent and Trademark Office


» Se:

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)

Quick Links

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

Your search matched **0** of **1105713** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.

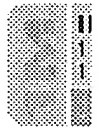
(state of health<in>ti) <and> category

Search

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**Results:****No documents matched your query.**

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE


[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)
IEEE Xplore
RELEASE 1.0

 Welcome
 United States Patent and Trademark Office


» See

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

Your search matched **1** of **1105713** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.

(state of health<in>ti) <and> characteristic

☐ Check to search within this result set
Results Key:**JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard
1 Fuzzy logic-based state-of-health determination of lead acid batteries
 Singh, P.; Reisner, D.;

 Telecommunications Energy Conference, 2002. INTELEC. 24th Annual
 International, 29 Sept.-3 Oct. 2002
 Pages:583 - 590

[\[Abstract\]](#)
[\[PDF Full-Text \(489 KB\)\]](#)
[IEEE CNF](#)

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore
RELEASE 1.2

 Welcome
 United States Patent and Trademark Office


» Se

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

 Your search matched **14** of **1105713** documents.

 A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.
Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set
Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 Wearable sensor system for wireless state-of-health determination in cattle

Nagl, L.; Schmitz, R.; Warren, S.; Hildreth, T.S.; Erickson, H.; Andresen, D.;
 Engineering in Medicine and Biology Society, 2003. Proceedings of the 25th Annual International Conference of the IEEE, Volume: 4, 17-21 Sept. 2003
 Pages:3012 - 3015 Vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(424 KB\)\]](#) **IEEE CNF**
2 Battery state of health monitoring, combining conductance technology with other measurement parameters for real-time battery performance analysis

Cox, D.C.; Perez-Kite, R.;
 Telecommunications Energy Conference, 2000. INTELEC. Twenty-second International, 10-14 Sept. 2000
 Pages:342 - 347

[\[Abstract\]](#) [\[PDF Full-Text \(488 KB\)\]](#) **IEEE CNF**
3 Battery state of health estimation through coup de fouet

Bose, C.S.C.; Laman, F.C.;
 Telecommunications Energy Conference, 2000. INTELEC. Twenty-second International, 10-14 Sept. 2000
 Pages:597 - 601

[\[Abstract\]](#) [\[PDF Full-Text \(312 KB\)\]](#) **IEEE CNF**
4 The detection of the state of health of lead-acid batteries

Spath, V.; Jossen, A.; Doring, H.; Garcke, J.;
 Telecommunications Energy Conference, 1997. INTELEC 97., 19th

International , 19-23 Oct. 1997
Pages:681 - 686

[\[Abstract\]](#) [\[PDF Full-Text \(352 KB\)\]](#) IEEE CNF

5 Monitoring the state of health of VRLA batteries through ohmic measurements

Waters, A.R.; Bullock, K.R.; Bose, C.S.C.;
Telecommunications Energy Conference, 1997. INTELEC 97., 19th
International , 19-23 Oct. 1997
Pages:675 - 680

[\[Abstract\]](#) [\[PDF Full-Text \(428 KB\)\]](#) IEEE CNF

6 Fuzzy logic-based state-of-health determination of lead acid batteries

Singh, P.; Reisner, D.;
Telecommunications Energy Conference, 2002. INTELEC. 24th Annual
International , 29 Sept.-3 Oct. 2002
Pages:583 - 590

[\[Abstract\]](#) [\[PDF Full-Text \(489 KB\)\]](#) IEEE CNF

7 Payload state of health monitoring design for next generation satellite constellations

Geib, P.L.; Cox, D.D.; Tomasi, A.M.;
Aerospace Conference Proceedings, 2002. IEEE , Volume: 1 , 9-16 March 2002
Pages:1-205 - 1-214 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(1583 KB\)\]](#) IEEE CNF

8 Artificial intelligence reads battery state-of-health in three minutes

Buchmann, I.;
Applications and Advances, 2001. The Sixteenth Annual Battery Conference on
12 Jan. 2001
Pages:263 - 265

[\[Abstract\]](#) [\[PDF Full-Text \(316 KB\)\]](#) IEEE CNF

9 Analysis and interpretation of AC-measurements on batteries used to assess state-of-health and capacity-condition

Damlund, I.;
Telecommunications Energy Conference, 1995. INTELEC '95., 17th
International , 29 Oct.-1 Nov. 1995
Pages:828 - 833

[\[Abstract\]](#) [\[PDF Full-Text \(456 KB\)\]](#) IEEE CNF

10 Determining the state-of-health of maintenance-free aircraft batteries

Vutetakis, D.G.; Viswanathan, V.V.;
Battery Conference on Applications and Advances, 1995., Proceedings of the 1
Annual , 10-13 Jan. 1995
Pages:13 - 18

[\[Abstract\]](#) [\[PDF Full-Text \(428 KB\)\]](#) IEEE CNF

11 Analysis and interpretation of conductance measurements used to assess the state-of-health of valve regulated lead acid batteries

Feder, D.O.; Hlavac, M.J.;

Telecommunications Energy Conference, 1994. INTELEC '94., 16th International, 30 Oct.-3 Nov. 1994

Pages:282 - 291

[\[Abstract\]](#) [\[PDF Full-Text \(520 KB\)\]](#) IEEE CNF

12 Field and laboratory studies to assess the state of health of valve-regulated lead acid and other battery technologies using conductance testing

Hlavac, M.J.; Feder, D.O.; Croda, T.G.; Champlin, K.S.;

Telecommunications Energy Conference, 1993. INTELEC '93. 15th International, Volume: 2, 27-30 Sept. 1993

Pages:375 - 383 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(620 KB\)\]](#) IEEE CNF

13 Field and laboratory studies to assess the state of health of valve-regulated lead acid batteries. I Conductance/capacity correlation studies

Feder, D.O.; Croda, T.G.; Champlin, K.S.; Hlavac, M.J.;

Telecommunications Energy Conference, 1992. INTELEC '92., 14th International, 4-8 Oct. 1992

Pages:218 - 233

[\[Abstract\]](#) [\[PDF Full-Text \(880 KB\)\]](#) IEEE CNF

14 Determination of the state-of-health of VRLA batteries by means of noise measurements

Baert, D.H.J.; Vervaet, A.A.K.;

Telecommunications Energy Conference, 2001. INTELEC 2001. Twenty-Third International, 14-18 Oct. 2001

Pages:301 - 306

[\[Abstract\]](#) [\[PDF Full-Text \(464 KB\)\]](#) IEEE CNF

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)

[Membership](#) | [Publications/Services](#) | [Standards](#) | [Conferences](#) | [Careers/Jobs](#)
IEEE Xplore
RELEASE 1.0

 Welcome
 United States Patent and Trademark Office


» See

[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)

Quick Links

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

 Your search matched **0** of **1105713** documents.

 A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

Results:

No documents matched your query.

Print Format

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)

[Membership](#) | [Publications/Services](#) | [Standards](#) | [Conferences](#) | [Careers/Jobs](#)
IEEE Xplore
RELEASE 1.2

 Welcome
 United States Patent and Trademark Office


» Se

[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)

Quick Links

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

 Your search matched **0** of **1105713** documents.

 A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

Results:

No documents matched your query.

Print Format

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) | [Publications/Services](#) | [Standards](#) | [Conferences](#) | [Careers/Jobs](#)**IEEE Xplore**
RELEASE 1.0Welcome
United States Patent and Trademark Office

» See

[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)[Quick Links](#)

Welcome to IEEE Xplore™

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

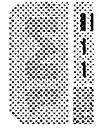
Your search matched **0** of **1105713** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**Results:****No documents matched your query.**

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)

[Membership](#) | [Publications/Services](#) | [Standards](#) | [Conferences](#) | [Careers/Jobs](#)
IEEE Xplore
RELEASE 1.2

 Welcome
 United States Patent and Trademark Office


» See

[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)
[Quick Links](#)
Welcome to IEEE Xplore™

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

Your search matched **0** of **1105713** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.
Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

Results:

No documents matched your query.

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L13	231	\$7chemi\$6 with typ\$4 with match\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 08:42
L14	0	L13 with (membership adj function\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 08:41
L15	0	L13 same(membership adj function\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 08:41
L16	0	L13 same (membership adj function\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 08:42
L17	0	L13 and (membership adj function\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 08:43
L18	2753	\$7chemi\$6 same typ\$4 same match\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 08:42
L19	0	L18 same (membership adj function\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 08:42
L20	0	L18 and (membership adj function\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 08:49
L21	600811	batter\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 08:48

L22	896	L21 adj3 model\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 08:48
L23	3	L22 and (membership adj function\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 08:49
L24	3	23 and @ad<="20010820"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/27 08:49